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March 21, 2006

WRITER'S DIRECT NUMBER: (202) 772-8575 **INTERNET ADDRESS:** MMUKHERJ@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Art Unit 1644

Mail Stop Amendment

Re:

U.S. Utility Patent Application

Application No. 09/350,401; Filed: July 8, 1999

Inducing Cellular Immune Responses to Hepatitis B Virus Using Peptide and Nucleic Acid Compositions

Inventors:

SETTE et al.

Our Ref:

2473.0060008/PAJ/M-M

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Credit Card Payment Form (PTO-2038) in the amount of \$180.00 to cover IDS filing
- 2. Request for Change of Attorney Docket Number Pleading;
- 3. Sixth Supplemental Information Disclosure Statement;
- 4. PTO/SB/08B one (1) page listing cited documents NPL0-NPL8;
- 5. Copies of cited documents NPL0-NPL8; and
  - 6. A return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skqf.com

Commissioner for Patents March 21, 2006 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Mita Mukherjee

Agent for Applicants Registration No. 54,325

MM/CLD/tts:awt Enclosures

509811v1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 2 1 2006

In re application of:

Sette et al.

Application No.: 09/350,40

Filed: July 8, 1999

For: Inducing Cellular Immune Responses to Hepatitis B Virus Using Peptide and Nucleic Acid

**Compositions** 

Confirmation No.: 8008

Art Unit: 1644

Examiner: Schwadron, R.

Atty. Docket: 2473.0060008/PAJ/M-M

## Request for Change of Attorney Docket Number Pleading

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants respectfully request that the attorney docket number for the above-captioned application be changed from "18623-013910" to -- 2473.0060008/PAJ/M-M --. Kindly use this attorney docket number in any future correspondence addressed to the undersigned.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Mita Mukherjee Agent for Applicants

Registration No. 54,325

Date: March 21, 2006

1100 New York Avenue, N.W. Washington, D.C. 20005-3934

(202) 371-2600

508820v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sette et al.

Appl. No.: 09/350,401

Filed: July 8, 1999

For: Inducing Cellular Immune

Responses to Hepatitis B Virus Using Peptide and Nucleic Acid

MAR 2 1 2006

**Compositions** 

Confirmation No.: 8008

Art Unit:

1644

Examiner:

SCHWADRON, Ronald B.

Atty. Docket: 2473.0060008/PAJ/M-M

## Sixth Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patent of the telefield over the telefield of the telefield of

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Mita Mukherjee

Agent for Applicants Registration No. 54,325

Date: March 21, 2006 1100 New York Avenue, N.W. Washington, D.C. 20005-3934

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are required to respond to a collection of information unless it contains a valid OMB control number. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Approved for use through 07/31/2006. OMB 0651-0031

Under the Paperwork Reduction of 1995, no. 3005 I S AAM

Attorney Docket Number M-M/LA9/800080.E742 Examiner Name Schwadron, R. IIIU TA Alessandro Sette First Named Inventor § 371 Date 9661, 80 ylul Application Number 104,035/60

Complete if Known

STATEMENT BY APPLICANT INFORMATION DISCLOSURE SIXLH SOPPLEMENTAL

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	GenPept Accession AAA46769, core protein, NCBI printout, May 4, 1994.	NPL8	
	Sarobe, P. et al., "Enhanced In Vitro Potency and In Vivo Immunogenicity of CTL Epitope from Hepatitis C Virus Core Protein Following Amino Acid Replacement at Secondary HLA-A2.1 Binding Positions," Journal of Clinical Investigation, 102: 1239-48 (September 1998).	<i>L</i> .I.d.N	
	Riffkin, M.C. et al., "A Single Amino-Acid Change Between the Antigenically Different Extracellular Serine Proteases V2 and B2 from Dichelobacter Modosus," Gene, 167: 279-283 (December 1995).	NPL6	
	Pinilla, C. et al., "Functional Importance of Amino Acid Residues Making Up Peptide Antigenic Determinants," Molecular Immunology, 30: 577-585 (April 1993).	NPLS	
	Menne, S. et al., "Characterization of T-cell response to Woodchuck Hepatitis Virus Core Protein and Protection of Woodchucks from Infection by Immunization with Peptides Containing a T-cell Epitope," Journal of Virology, 71: 65-74 (Jan 1997).	NPL4	
	Kast, W.M. et al., "Role of HLA-A Motifs in Identification of Potential CTL Epitopes in Human Papillomavirus Type 16 E6 and E7 Proteins," Journal of Immunology, 152: 3904-12 (April 1994).	ИЪГЗ	
	Hosono, S. et al., "Core Antigen Mutations of Human Hepatitis B Virus in Hepatomas Accumulate in MHC Class II-Restricted T cell Epitopes," Virology, 212: 151-162 (September 1995).	NPL2	
	Bowie, J.U. et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," Science, 247: 1306-1310 (March 1990).	NPL1	
	Bertoletti, A. et al., "Cytotoxic T Lymphocyte Response to a Wild Type Hepatitis B Virus Epitope in Patients Chronically Infected by Variant Viruses Carrying Substitutions within the Epitope, "J. Exp. Med., 180: 933-943 (September 1994).	NPL0	
<sup>2</sup> L	MON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	Cite No. <sup>1</sup>	Examiner Initials*

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with MPEP 609. Draw line through citation if not in conformance and	al if reference considered, whether or not citation is in conformance	*EXAMINER: Initi
Considered		Signature
Date		Examiner

comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the Applicant's unique citation designation number (optional). Applicant is to place a check mark here it English language Translation is attached not considered. Include copy of this form with next communication to applicant.